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# Black Holes in Orbit Talking Points

These are some ideas for how to get the discussion rolling at the beginning of this session. Ask the questions (or ones of your own) and see what their ideas, preconceptions, and level of knowledge are.

## Questions to ask:

What do you know about black holes?

Briefly introduce the concept of a black hole as an object that has a huge mass but is very small (i.e. has incredibly high density). Imagine the mass of a star, but scrunched into the size of a city.

Why are black holes black?

If black holes are black and space is black, how do we find them?